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**Abstract**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1A. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## B. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Lomax Exploration Company

## 3. ADDRESS OF OPERATOR

P.O. Box 4503, Houston, Texas 77210

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

804' FEL &amp; 2004' FNL SE/NE

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

33 miles Southeast of Myton, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

804

## 16. NO. OF ACRES IN LEASE

645.72

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

NA

## 19. PROPOSED DEPTH

6800'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4746' GR

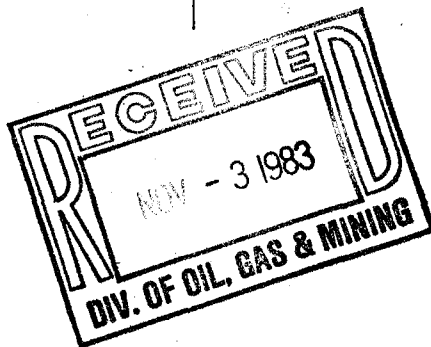
## 22. APPROX. DATE WORK WILL START\*

December, 1983

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	300	To Surface
7 7/8	5 1/2	17	TD	As Required



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

G.L. Pruitt

TITLE V.P. Drlg. &amp; Prod.

DATE 10/28/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

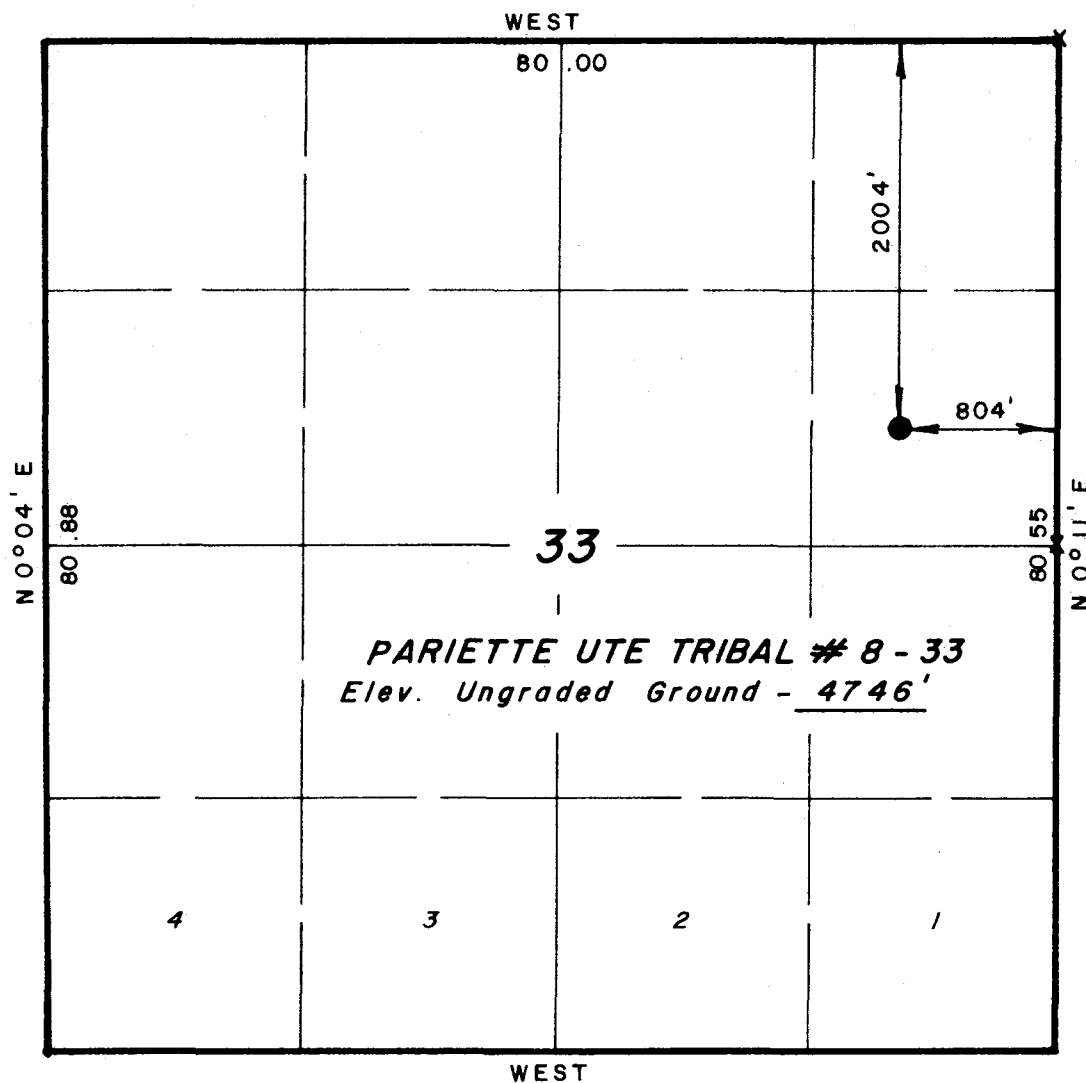
DATE

CONDITIONS OF APPROVAL, IF ANY:

T 4 S, R 2 E, U.S.B.&M.

PROJECT  
LOMAX EXPLORATION CO.

Well location, *PARIETTE UTE TRIBAL*  
# 8 - 33, located as shown in the SE 1/4  
NE 1/4, Section 33, T 4 S, R 2 E, U.S.M.  
Uintah County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF

*[Signature]*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P. O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

X = Section Corners Located

SCALE	1" = 1000'	DATE	10/17/83
PARTY	DB, TJ, JK JH	REFERENCES	GLO PLAT
WEATHER	FAIR	FILE	LOMAX

## TEN POINT WELL PROGRAM

LOMAX EXPLORATION COMPANY  
Pariette Ute Tribal #8-33  
SE/NE Section 33, T4S, R2E  
Uintah County, Utah

### 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

### 2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0 - 2000
Green River	2000
Wasatch	6800

### 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River	5500	- Oil
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### 4. PROPOSED CASING PROGRAM:

8 5/8", J-55, 24#; set at 300'  
5 1/2", J-55, 17#; set at TD  
All casing will be new

### 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 10" Series 900 Hydril Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure tests of BOP's to 1000# will be made prior to drilling surface plug and operation will be checked daily. (See exhibit A)

### 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

It is proposed that the hole be drilled with fresh water to the "J" zone and with mud thereafter. The mud system will be a water based gel-chemical, weighted to 10.0 ppg as necessary for gas control.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

No coring or drill stem testing has been scheduled for this well. The logging will consist of a Dual Induction Laterolog and a Compensated Neutron-Formation Density.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

It is not anticipated that abnormal pressures or temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S gas will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that operations will commence approximately December, 1983.

LOMAX EXPLORATION  
13 Point Surface Use Plan  
For  
Well Location  
Pariette Ute Tribal #8-33  
Located In  
Section 33, T4S, R2E, U.S.B. & M.  
Uintah County, Utah

1. EXISTING ROADS

See attached Topographic Map "A".

To reach LOMAX EXPLORATION well location site Pariette Ute Tribal #8-33, located in the SE 1/4 NE 1/4 Section 33, T4S, R2E, U.S.B. & M., Uintah County, Utah:

Proceed Westerly out of Myton, Utah along U.S. Highway 40 - 1.6 miles to the junction of this Highway and Utah State Highway 53; proceed Southerly along Utah State Highway 53 - 1.6 miles to its junction with Utah State Highway 216; proceed Southerly along State Highway 216 - 10.6 miles to Castle Peak Mine and an existing improved dirt road to the Southeast; proceed Southeasterly along said road 10.2 miles to the junction of this road and an existing dirt oilfield road to the Northeast; proceed northeasterly along this road 3.8 miles to the junction of this road and an existing dirt oilfield road to the North; proceed Northerly along this road 2.6 miles to the junction of this road and the beginning of the proposed access road to the North (to be discussed in item #2).

U.S. Highway 40 is a bituminous surfaced road and is maintained by state road crews. Utah State Highway 53 is a bituminous surfaced road to its junction with Highway 216 at which point it is an improved gravel surfaced road and is maintained by county road crews. All other roads are built out of native materials accumulated during construction.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well will be maintained at the standards required by the B.I.A. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

It is not anticipated that there will be any extensive upgrading of the above described existing roads.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed road leaves the existing dirt road described in Item #1 in the NE 1/4 NE 1/4 Section 5, T5S, R2E, U.S.B. & M., and proceeds in a North, then Easterly direction approximately 2.3 miles to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There will be one-24" culvert required along this access road, it will be placed according to specifications for culvert placement found in the Oil & Gas surface operations manual. (see topo. map "B" for location of culvert)

There are no fences encountered along this proposed road. There will be no new gates or cattleguards required.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges that will provide the greatest sight distance. These turnouts will be 200' in length and 12' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and the outlet end.

The lands involved in this action are under B.I.A. jurisdiction.

The terrain that is traversed by this road is relatively flat. The grade of this road will not exceed 8%.

### 3. LOCATION OF EXISTING WELLS

See Topographic Map "B".

There are no known existing producing wells within a one mile radius of this location site. (See Topographic Map "B").

There are no known water wells, injection wells, monitoring or observation wells for other resources within a one-mile radiou of this location site.

### 4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are no existing LOMAX EXPLORATION wells within a one mile radius of this location site.

A tank battery site will be set at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to an existing well in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

### 5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water to be used in the drilling of this well will be hauled by truck from a private water source that is indicated on Topo Map "A".

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.



LOMAX EXPLORATION  
Pariette Ute Tribal #8-33  
Section 33, T4S, T2E, U.S.B. & M.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHOD OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable chemical toilet will be provided for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.I.A. representative shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make them safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

#### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, it shall be stripped and stockpiled. (See Location Layout Sheet). When all drilling and production activities have been completed, the location site will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.I.A. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

#### 11. OTHER INFORMATION

##### The Topography of the General Area - (See Topographic Map "A")

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Duchesne River is located approximately 3 miles to the Northeast of the location site, and the Green River is located approximately 2 miles to the Southeast of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structures of the area that are visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush some grasses and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic livestock.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B")

Pariette Ute Tribal #8-33 is located on a relatively flat area approximately 3 miles Southwest of the Duchesne River.

The terrain in the vicinity of the location slopes from the South through the location site to the North at approximately 3.5% grade.

The Duchesne River is approximately 3.0 miles Northeast of this location site.

The vegetation in the immediate area surrounding the location site consists of sparse amounts of sagebrush and grassed, with large areas devoid of vegetation.

There are no occupied dwellings or other facilities of this nature in the general area.

All lands involved under this action are under B.I.A. Jurisdiction.

There are no visible archeological, historical or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

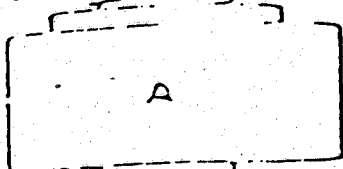
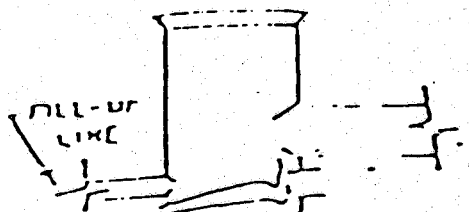
Jack Pruitt  
LOMAX EXPLORATION  
P.O. Box 4503  
Houston, TX 77210-4503  
1-713-931-9276

13. CERTIFICATION

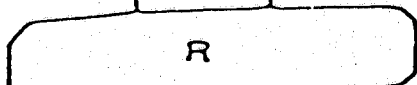
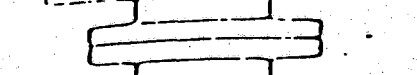
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by LOMAX EXPLORATION and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

10-28-83  
Date

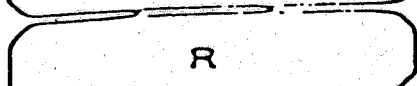
J. L. Pruitt / JLP  
Jack Pruitt



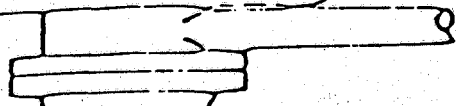
Shaffer Spherical  
10" 900



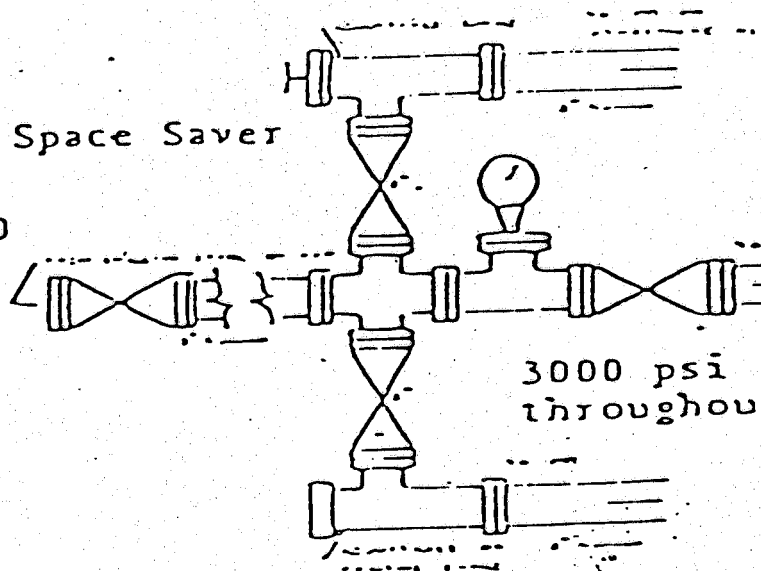
Cameron Space Saver



10" 900



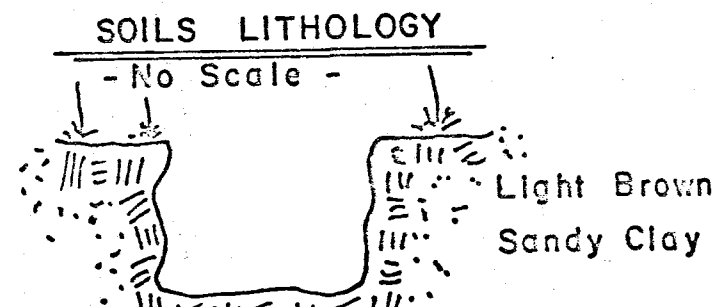
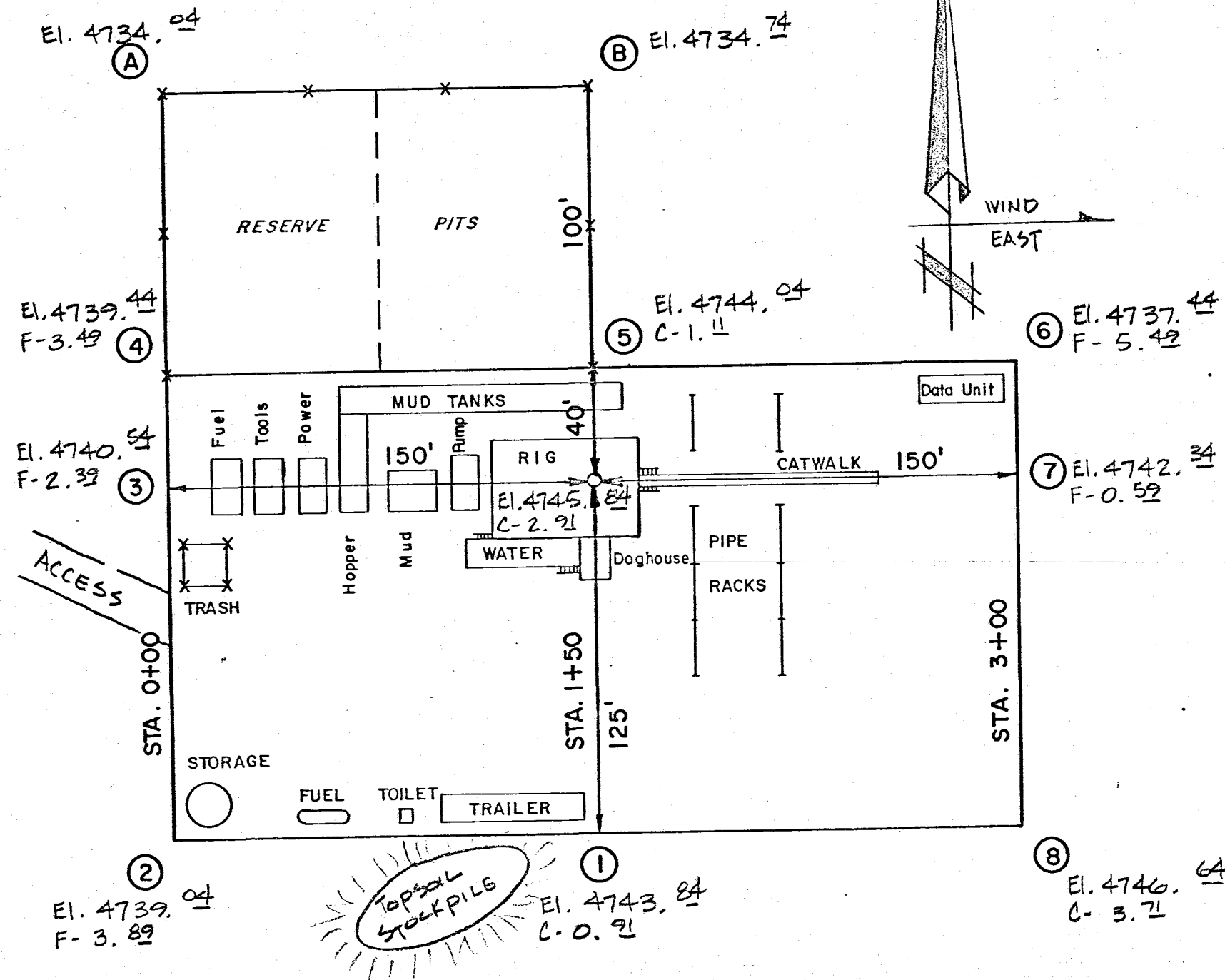
Collinghead



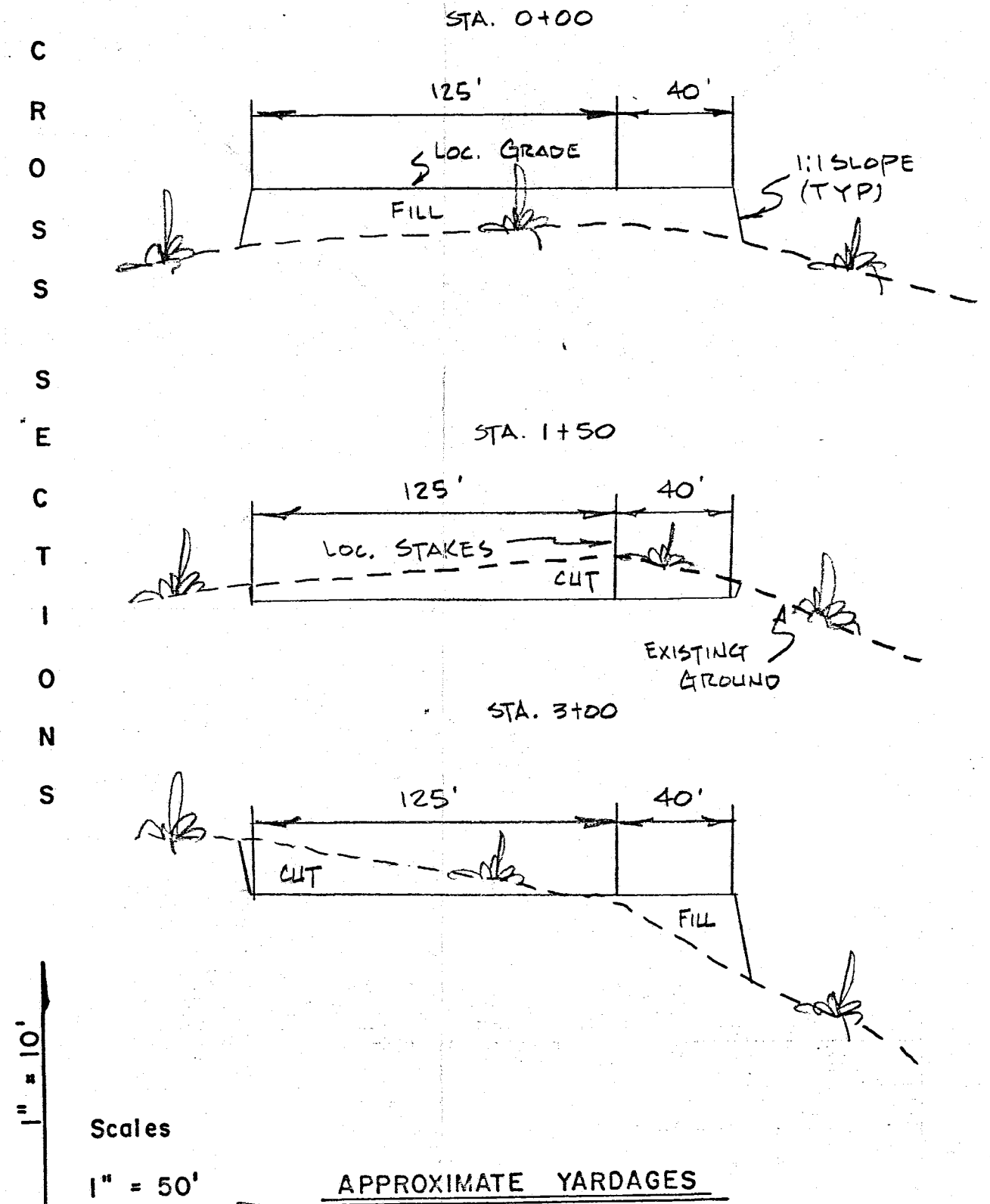
3000 psi  
throughout

# LOMAX EXPLORATION

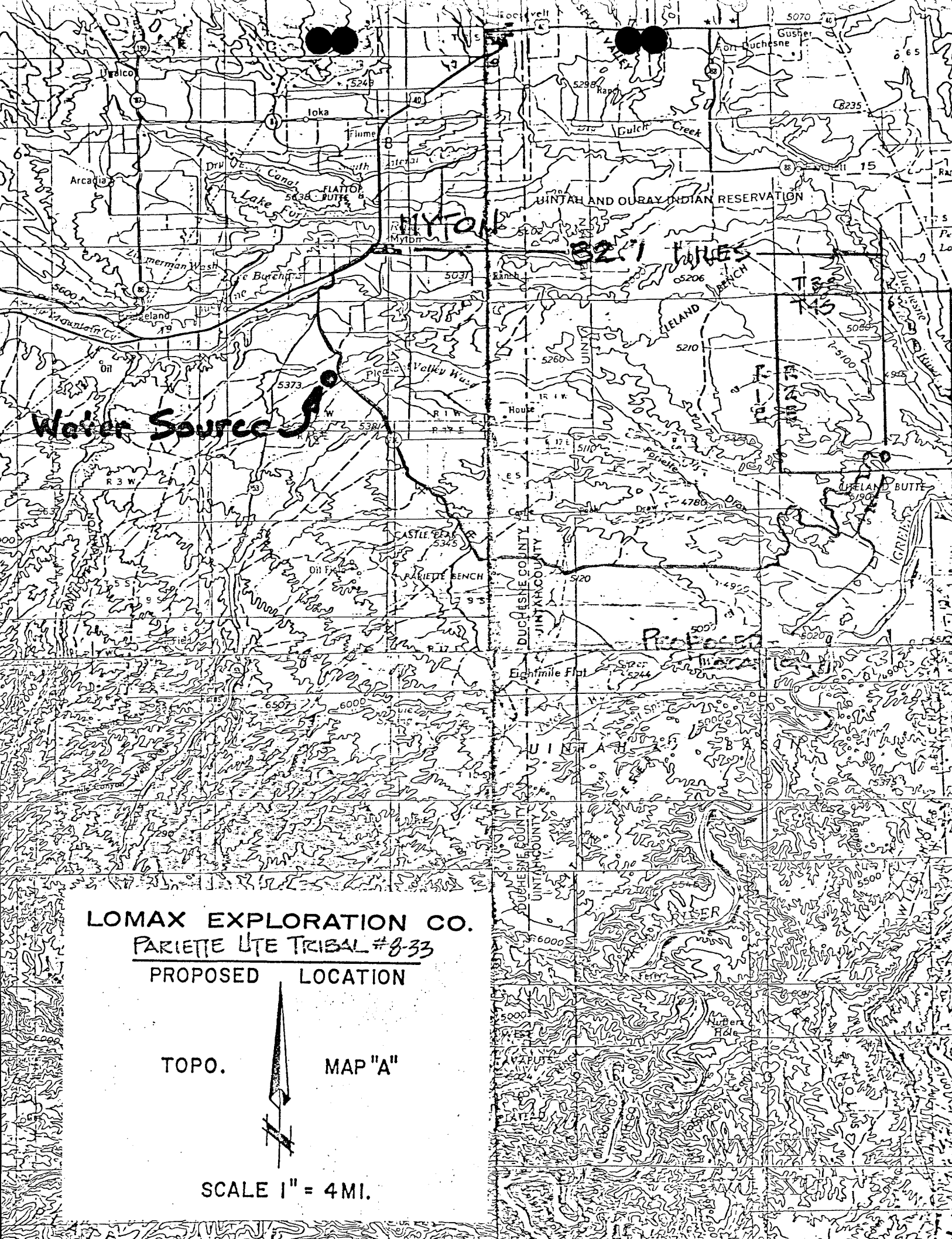
SCALE: 1" = 50'  
DATE: 10/17/83



## PARIETTE UTE TRIBAL # B-33 LOCATION LAYOUT & CUT SHEET



Cubic Yards Cut - 2,392  
Cubic Yards Fill - 1,980  
LOSSES AT 20% - 396 YD<sup>3</sup>  
UNBALANCE OF 17 YD<sup>3</sup> CUT



LOMAX EXPLORATION CO.  
PARIETTE UTE TRIBAL #8-33

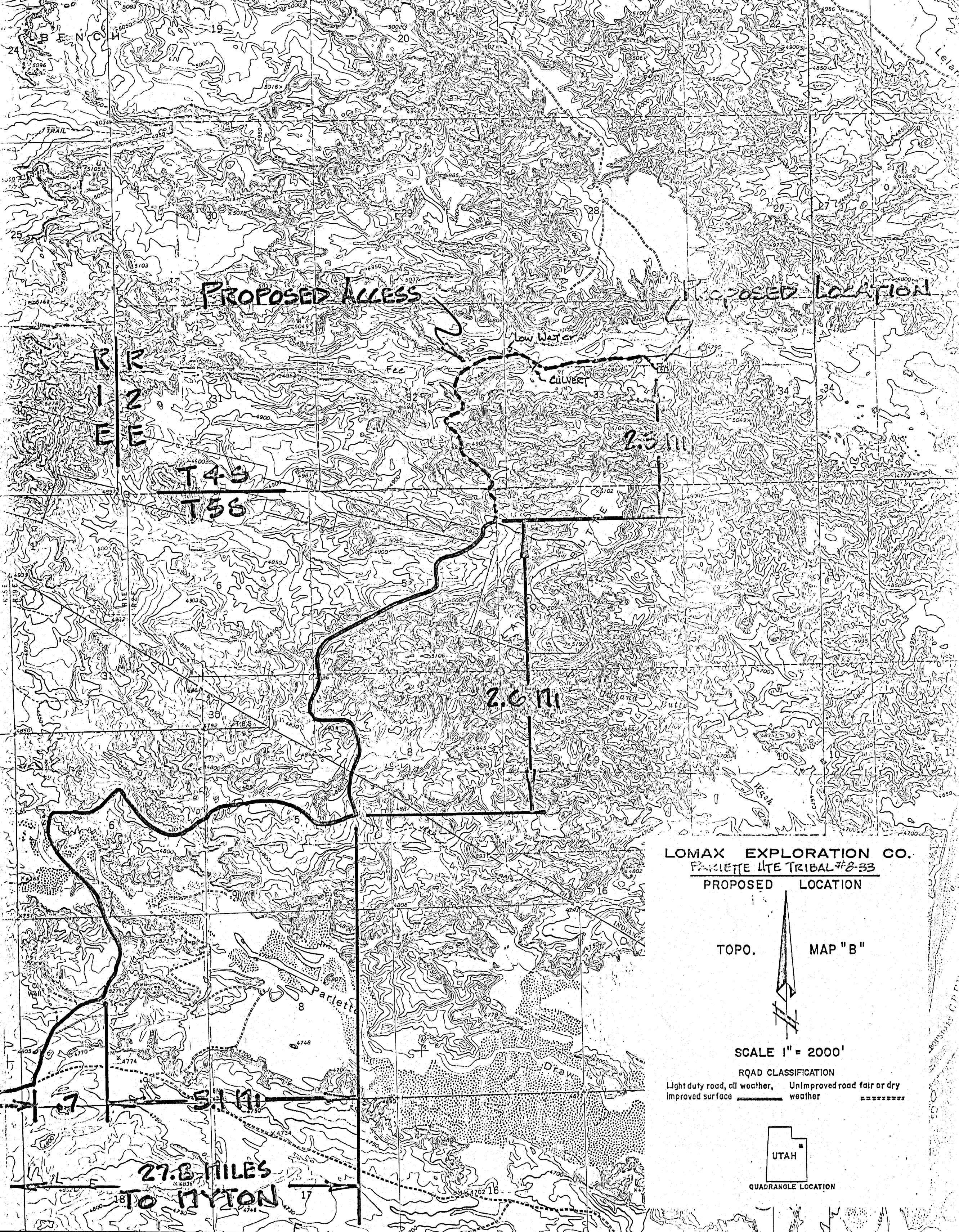
PROPOSED LOCATION

TOPO.

MAP "A"

SCALE 1" = 4 MI.





PROPOSED ACCESS

PROPOSED LOCATION

R  
I  
Z  
E  
E

T4S  
T5S

2.5 MI  
2.0 MI

CULVERT

Low Water

Parlette

Indian Butte

27.8 MILES  
TO MYTON

LOMAX EXPLORATION CO.  
PARLETTE UTE TRIBAL #8-33  
PROPOSED LOCATION

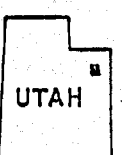
TOPO.

MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather, improved surface  
Unimproved road fair or dry weather



QUADRANGLE LOCATION



OPERATOR LOMAX EXPLORATION CO

DATE 11-10-83

WELL NAME PARIETTE UTE TRIBAL 8-33

SEC SENE 33 T 4S R 2E COUNTY UINTAH

43-047-31413

API NUMBER

INDIAN

TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

MAP

☐

HL

☐

NID

☐☐

PI

PROCESSING COMMENTS:

NO OIL WELLS WITHIN 1000'

IRREGULAR SECTION

11-10-83

[Signature]

✓ CHIEF PETROLEUM ENGINEER REVIEW:

11/10/83 ✓

APPROVAL LETTER:

SPACING:

☐

A-3

UNIT

☐

c-3-a

CAUSE NO. & DATE

☒

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:

WATER

- ☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.
- ☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION
- ☒ VERIFY ADEQUATE AND PROPER BONDING
- ☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.
- ☐ APPLY SPACING CONSIDERATION
- ☐ ORDER NO
- ☐ UNIT NO
- ☒ c-3-b
- ☐ c-3-c
- ☒ CHECK DISTANCE TO NEAREST WELL.
- ☒ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.
- ☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER
- ☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.
- ☒ VERIFY LEGAL AND SUFFICIENT DRILLING WATER

November 10, 1983

Lomax Exploration Company  
P. O. Box 4503  
Houston, Texas 77210

RE: Well No. Pariette Ute Tribal 8-33  
SENE Sec. 33, T. 4S, R. 2E  
2004' FNL, 804' FEL  
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure. Prior to spudding, a copy of the Utah Division of Water Rights (Phone No. 801-533-5071) approval for use or purchase of drilling water must be submitted to this office, otherwise this approval is void.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:


RONALD J. FIRTH - Chief Petroleum Engineer  
Office: 533-5771  
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31413.

Sincerely,

  
Norman C. Stout  
Administrative Assistant

NCS/as  
cc: Branch of Fluid Minerals  
Bureau of INdian Affairs  
Encl.

**Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078**

RECEIVED  
APR 17 1985

3100  
O&G

May 2, 1984

DIVISION OF OIL  
& MINING

Lomax Exploration Co.  
P.O. Box 4503  
Houston, TX 77210

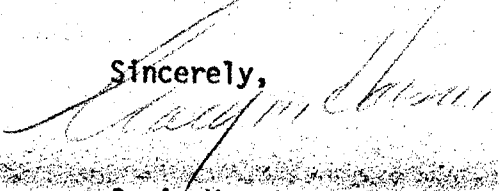
Re: Well #8-33  
Sec. 33, T4S, R2E  
Uintah County, Utah  
Lease 14-20-H62-3686

Gentlemen:

The Application for Permit to Drill the referenced well is being returned as per your request. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

Since the application for permit to drill was never approved, this office assumes that no surface disturbance has occurred for this site. If any surface disturbances have occurred, this office requires a letter confirming this along with a schedule for rehabilitation. Your cooperation in this matter is appreciated.

Sincerely,

  
Craig Hansen  
Assistant District Manager  
Minerals

Herrmann/vl



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 1, 1985

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

Gentlemen:

Re: Well No. Pariette Ute Tribal 8-33 - Sec. 33, T. 4S, R. 2E  
Duchesne County, Utah - Lease No. 14-20-H62-3686  
Operator of Record - Lomax Exploration Company

The above referred to well in your district was given federal approval to drill April 13, 1984. This office has not received notification of any activity on this location.

Please let me know what action, if any, the Bureau of Land Management is taking on this well.

Thank you for your help in keeping our records up to date.

Sincerely,

Pam Kenna  
Well Records Specialist

Enclosure

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0132S/8



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 26, 1985

Lomax Exploration Company  
PO Box 4503  
Houston, Texas 77210

Gentlemen:

Re: Well No. Pariette Ute Tribal 8-33 - Sec. 33, T. 4S., R. 2E.,  
Uintah County, Utah - API #43-047-31413

In concert with action taken by the Bureau of Land Management, April 12, 1985, approval to drill the above referenced well is hereby rescinded.

A new "Application for Permit to Drill" must be filed with this office, for approval, prior to future drilling of the subject location.

Sincerely,

*John R. Baza*  
John R. Baza  
Petroleum Engineer

clj

cc: Dianne R. Nielson  
Ronald J. Firth  
File

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